

**Appl. No. 10/085,298**  
**Amendment dated April 18, 2006**  
**Response to Office Action of March 28, 2006**

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. – 7. (Cancelled)
8. (Previously Presented) A system for selectively allowing use of embedded software comprising:
  - a microcontroller;
  - a first non-volatile storage device coupled to the microcontroller, the first non-volatile storage device storing a plurality of programs executable by the microcontroller, the plurality of programs comprising at least a program to perform flow calculations, a program to perform PLC functions, and a program to perform RTU functions;
  - a second non-volatile storage device coupled to the microcontroller, the second non-volatile storage device storing software license information; and
  - wherein the microcontroller refrains from executing at least one of the plurality of programs on the first non-volatile storage device if the software license information on the second non-volatile storage device does not contain an entry allowing use.
9. (Original) The system as defined in claim 8 wherein the second non-volatile storage device further comprises a read only memory (ROM) device.
10. (Original) The system as defined in claim 9 wherein the interface bus further comprises a serial interface bus.
11. (Original) The system as defined in claim 10 wherein the ROM device further comprises a serial electrically erasable programmable read only memory (serial EEPROM).

**Appl. No. 10/085,298**  
**Amendment dated April 18, 2006**  
**Response to Office Action of March 28, 2006**

12. (Original) The system as defined in claim 10 wherein the serial interface bus further comprises a Serial Peripheral Interface (SPI) bus.

13. (Original) The system as defined in claim 12 wherein the serial EEPROM further comprises a part number 25LC040-I device manufactured by Microchip Technology Incorporated.

14. (Original) The system as defined in claim 10 wherein the serial interface bus further comprises an Inter-Integrated Circuit (I<sup>2</sup>C) bus.

15. (Original) The system as defined in claim 8 wherein the second ROM device further comprises a flash ROM device.

16.- 61. (Cancelled)

62. (Previously Presented) The system as defined in claim 8 wherein the microcontroller limits the number of instances of the flow program to perform flow calculations, the limit based on license information on the second non-volatile storage device.